

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:  
Sheng-Ping L. Hwang et al.

Serial No.: 10/612,594

Confirmation No.: 3435

Filed: July 1, 2003

For: **EXPRESSION OF ZEBRAFISH  
BONE MORPHOGENETIC  
PROTEIN 4**

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Group Art Unit: 1636

Examiner: Michele K. Joike

**MAIL STOP AMENDMENT**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

## CERTIFICATE OF TRANSMISSION

I hereby certify that this correspondence is being electronically transmitted to the U.S. Patent and Trademark Office via EFS-Web to the attention of Examiner Michele K. Jolke, on the date shown below.

December 12, 2007  
Date

Keith M. Tackett

Dear Sir:

**RESPONSE TO NON-FINAL OFFICE ACTION DATED AUGUST 24, 2007**

In response to the Office Action dated August 24, 2007, having a shortened statutory period for response, extended one month, and set to expire on December 24, 2007, please enter this Response and reconsider the claims pending in the application for reasons discussed below. Although Applicants believe that no additional fees are due other than the extension of time fee indicated in the accompanying request, the Commissioner is hereby authorized to charge counsel's Deposit Account No. 20-0782/ACAD/0002/KMT, for any fees required to make this Response timely and acceptable to the Office.

**Amendments to the Claims** begin on page 2 of this paper. **Remarks** begin on page 5 of this paper.